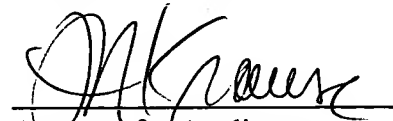## R E M A R K S

The present invention, as now set forth in amended Claim 1, is characterized as deriving two difference signals per unit of an array of a 2x2 arrangement of filters of four different colors aligned with corresponding pixels, wherein the sum of the signals from one row are subtracted from the sum of signals from the other row, and the sum of signals from one column are subtracted from the sum of signals from the other column. By these arithmetic operations a high-resolution color difference signal is attained.

Applicants' respectfully submit that the cited references do not disclose these arithmetic operations as now set forth in Amended Claim 1, wherefore independent Claim 1 and newly submitted dependent Claims 40 and 41 are believed to be allowable.

For these various reasons Applicants believe that the claims as now presented are allowable, wherefore the issuance of a formal Notice of Allowance is solicited.

Applicants' undersigned attorney may be reached in our New York Office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address listed below.

Respectfully submitted,

Attorney for Applicants
John A. Krause
Registration No. __24,613__

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200